



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008
Code: 11551407
SAU: South Portland School Dept
School: Memorial Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 6

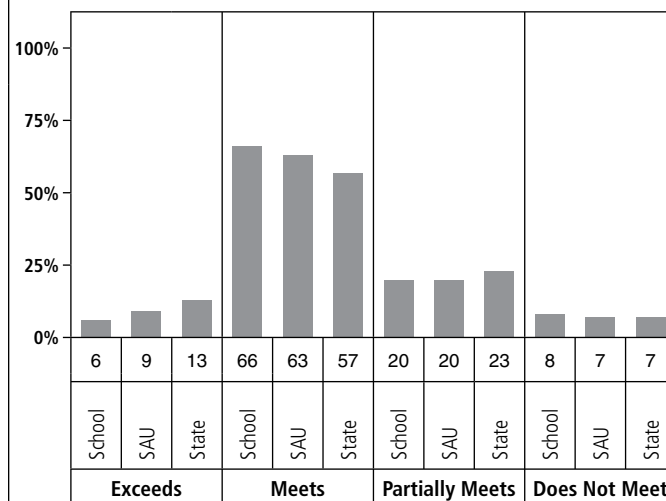
SAU: South Portland School Dept

School: Memorial Middle School

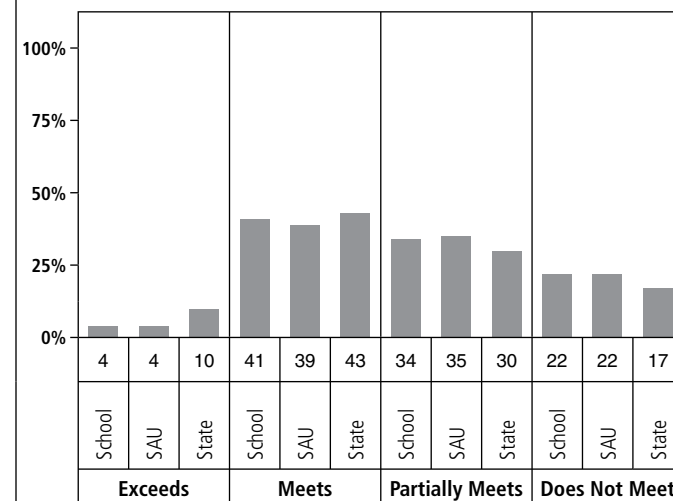
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	643	644	644
2006–2007	648	648	646
2007–2008	647	648	648
Cum. Avg. *	646	647	646
Mathematics			
2005–2006	639	640	641
2006–2007	644	643	643
2007–2008	637	637	642
Cum. Avg. *	640	640	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
Grade: 6
SAU: South Portland School Dept
School: Memorial Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	130	100	237	100	14365	100	129	100	236	100	14266	99	129	100	235	100	14268	99												
Ethnicity African American/Black	4	3	9	4	418	3	4	100	9	100	407	97	4	100	9	100	413	99												
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	110	99	0	0	0	0	110	99												
Asian or Pacific Islander	8	6	17	7	249	2	8	100	17	100	249	100	8	100	16	94	248	100												
Hispanic	2	2	5	2	149	1	2	100	5	100	147	99	2	100	5	100	147	99												
Caucasian/White	116	89	206	87	13438	94	115	100	205	100	13353	100	115	100	205	100	13350	100												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	21	16	37	16	2518	18	21	100	37	100	2479	99	21	100	37	100	2479	99												
Current LEP	7	5	16	7	349	2	7	100	16	100	339	97	7	100	15	94	344	99												
Economically disadvantaged	41	32	77	32	5335	37	41	100	77	100	5277	99	41	100	76	99	5279	99												
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	108	83	194	82	11613	81	108	83	194	82	11626	81												
Identified disability (PET/IEP)	2	2	4	2	373	3	2	2	4	2	373	3												
LEP	7	6	7	4	187	2	7	6	7	4	187	2												
504 plan	2	2	3	2	149	1	2	2	3	2	150	1												
Participation with accommodations	20	15	39	16	2451	17	20	15	39	16	2446	17												
Identified disability (PET/IEP)	18	90	31	79	1909	78	18	90	31	79	1910	78												
LEP	0	0	7	18	142	6	0	0	7	18	152	6												
504 plan	0	0	0	0	85	3	0	0	0	0	84	3												
Other	2	10	2	5	350	14	2	10	2	5	335	14												
Participation through alternate assessment (PAAP)	1	1	2	1	197	1	1	1	2	1	196	1												
Identified disability (PET/IEP)	1	100	2	100	197	100	1	100	2	100	196	100												
LEP	0	0	1	50	5	3	0	0	1	50	5	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	1	0	5	0																		
Approved non-participation – special consideration	1	1	1	0	24	0	1	1	1	0	24	0												
Non-participation – other	0	0	0	0	75	1	0	0	1	0	73	1												

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2008
Grade:	6
SAU:	South Portland School Dept
School:	Memorial Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	8	6	17	8	1176	8
	2006-2007	8	7	15	7	1132	8
	2007-2008	8	6	22	9	1817	13
	Cum. Total*	24	7	54	8	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	57	46	111	50	7612	51
	2006-2007	70	63	135	62	8127	57
	2007-2008	85	66	147	63	8072	57
	Cum. Total*	212	58	393	58	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	42	34	71	32	4080	27
	2006-2007	27	24	54	25	3549	25
	2007-2008	25	20	47	20	3194	23
	Cum. Total*	94	26	172	26	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	17	14	24	11	2005	13
	2006-2007	6	5	13	6	1478	10
	2007-2008	10	8	17	7	981	7
	Cum. Total*	33	9	54	8	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	32.4	57.9	32.8	58.6	32.7	58.4
Literary Text	28	50	16.1	57.5	16.3	58.2	16.3	58.2
Informational Text	28	50	16.3	58.2	16.5	58.9	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: South Portland School Dept
 School: Memorial Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	128	8	6	85	66	25	20	10	8	647	233	9	63	20	7	648	14064	13	57	23	7	648
Ethnicity																						
African American/Black	4										8	0	38	38	25	640	399	7	47	28	17	642
American Indian or Native Alaskan	0										0						108	4	54	32	10	643
Asian or Pacific Islander	8	1	13	5	63	2	25	0	0	648	16	13	56	25	6	648	247	16	60	20	4	650
Hispanic	2										5	0	60	40	0	645	145	8	45	34	14	643
Caucasian/White	114	7	6	75	66	22	19	10	9	647	204	10	65	19	7	648	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	20	0	0	5	25	8	40	7	35	635	35	0	29	34	37	635	2282	2	29	42	27	636
No	108	8	7	80	74	17	16	3	3	649	198	11	69	18	2	650	11782	15	63	19	3	650
Current LEP																						
Yes	7	0	0	5	71	2	29	0	0	647	14	0	43	43	14	641	329	4	44	30	22	640
No	121	8	7	80	66	23	19	10	8	647	219	10	64	19	7	648	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	41	3	7	20	49	13	32	5	12	643	76	7	45	33	16	642	5153	6	51	31	12	643
No	87	5	6	65	75	12	14	5	6	649	157	11	72	14	3	651	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	128	8	6	85	66	25	20	10	8	647	233	9	63	20	7	648	14057	13	57	23	7	648
Gender																						
Female	60	5	8	42	70	12	20	1	2	650	107	12	66	21	1	651	6967	16	59	20	5	650
Male	68	3	4	43	63	13	19	9	13	645	126	7	60	20	13	645	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										1						1186	6	41	42	11	642
No	128	8	6	85	66	25	20	10	8	647	232	9	63	20	7	648	12878	14	59	21	7	648
Gifted/talented program																						
Yes	5	2	40	2	40	1	20	0	0	658	16	56	38	6	0	665	557	50	48	2	0	661
No	123	6	5	83	67	24	20	10	8	647	217	6	65	21	8	647	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 6

SAU: South Portland School Dept

School: Memorial Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	1	17	2	33	3	50	633	6	8	8	54	31	636	6	7	43	30	20	641
B. less than one hour	50	3	5	42	67	14	22	4	6	647	50	9	64	19	8	648	56	13	58	23	6	648
C. one to two hours	43	5	9	37	69	9	17	3	6	648	41	9	68	18	4	649	34	15	60	20	5	649
D. more than two hours	3	0	0	4	100	0	0	0	0	652	3	13	75	13	0	652	3	9	46	29	16	643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	45	4	7	39	68	10	18	4	7	647	37	8	67	18	7	647	40	17	60	19	5	650
B. They match some of what I have learned.	49	4	6	40	65	13	21	5	8	648	54	11	64	18	6	649	48	12	59	23	6	648
C. They match just a little of what I have learned.	5	0	0	3	50	2	33	1	17	640	6	8	38	46	8	643	9	7	45	34	15	643
D. There is no match.	2	0	0	2	100	0	0	0	0	652	4	0	44	33	22	641	3	3	31	37	29	637
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	28	3	9	22	63	7	20	3	9	648	30	20	59	16	4	652	28	26	58	11	4	653
B. good	56	4	6	51	72	14	20	2	3	648	55	6	69	21	4	648	54	9	61	24	6	647
C. fair	13	1	6	7	41	4	24	5	29	640	13	3	40	30	27	640	16	3	48	37	13	642
D. poor	2	0	0	3	100	0	0	0	0	649	2	0	75	0	25	638	2	1	37	39	23	637
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	12	0	0	7	47	5	33	3	20	640	16	6	42	31	22	642	15	10	48	27	15	644
B. about the same as my regular schoolwork	73	6	6	63	68	17	18	7	8	648	66	9	66	20	6	649	66	13	59	22	5	649
C. easier than my regular schoolwork	15	2	11	14	74	3	16	0	0	647	19	16	70	14	0	650	18	15	58	20	7	649
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	0	0	4	36	3	27	4	36	639	11	4	36	20	40	637	9	2	37	37	23	638
B. Most of the passages were about the same as what I normally read.	58	3	4	47	64	17	23	6	8	646	53	5	63	26	6	646	54	9	59	26	6	647
C. Most of the passages were easier than what I normally read.	33	5	12	32	76	5	12	0	0	651	37	18	70	12	0	653	36	21	60	15	4	652
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	3	5	40	69	9	16	6	10	647	46	9	64	16	10	648	46	13	56	24	7	648
B. I tried about the same as I do on my regular schoolwork.	50	4	6	42	67	13	21	4	6	647	50	8	64	23	5	648	50	14	60	21	6	649
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	17	2	33	3	50	0	0	646	4	33	33	33	0	651	3	5	46	30	20	641
How much time do you spend reading at home each day?																						
A. more than one hour	13	2	12	9	53	6	35	0	0	649	14	21	55	24	0	653	19	19	58	17	6	651
B. 20 minutes to an hour	47	5	8	41	68	9	15	5	8	648	49	12	65	16	8	648	51	15	60	20	5	649
C. less than 20 minutes	16	0	0	13	65	6	30	1	5	645	13	0	63	33	3	645	12	9	56	26	9	646
D. I rarely read at home.	24	1	3	21	70	4	13	4	13	646	24	4	64	20	13	645	18	4	50	34	13	643
Optional school/SAU question																						
A.	38	0	0	2	67	1	33	0	0	648	33	0	67	33	0	648						
B.	50	0	0	1	25	2	50	1	25	632	56	0	40	40	20	634						
C.	13	0	0	0	0	0	0	1	100	614	11	0	0	0	100	614						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 6
SAU: South Portland School Dept
School: Memorial Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	10	8	19	9	1463	10
	2006-2007	12	11	24	11	2092	15
	2007-2008	5	4	9	4	1474	10
	Cum. Total*	27	7	52	8	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	42	34	79	36	5914	40
	2006-2007	52	47	95	44	5731	40
	2007-2008	52	41	91	39	6008	43
	Cum. Total*	146	40	265	39	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	47	38	83	37	4494	30
	2006-2007	34	31	67	31	4175	29
	2007-2008	43	34	82	35	4244	30
	Cum. Total*	124	34	232	35	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	25	20	41	18	3014	20
	2006-2007	13	12	31	14	2308	16
	2007-2008	28	22	51	22	2346	17
	Cum. Total*	66	18	123	18	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	9.1	47.9	8.5	44.7	9.6	50.5
Cluster 2: Shape and Size	15	27	6.7	44.7	6.8	45.3	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	3.7	52.9	4.0	57.1	4.2	60.0
Cluster 4: Patterns	15	27	6.7	44.7	6.9	46.0	7.5	50.0

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lslalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: South Portland School Dept
 School: Memorial Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	128	5	4	52	41	43	34	28	22	637	233	4	39	35	22	637	14072	10	43	30	17	642
Ethnicity																						
African American/Black	4										8	0	13	25	63	626	409	4	26	35	35	632
American Indian or Native Alaskan	0										0						108	6	26	39	29	635
Asian or Pacific Islander	8	0	0	3	38	3	38	2	25	635	16	0	50	25	25	637	247	13	50	25	13	646
Hispanic	2										5	0	0	40	60	629	145	9	32	34	25	638
Caucasian/White	114	5	4	48	42	36	32	25	22	638	204	4	40	36	19	638	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	20	1	5	0	0	5	25	14	70	620	35	3	9	31	57	624	2283	2	18	31	49	627
No	108	4	4	52	48	38	35	14	13	641	198	4	44	36	16	640	11789	12	48	30	10	645
Current LEP																						
Yes	7	0	0	2	29	3	43	2	29	635	14	0	14	29	57	629	339	5	22	32	41	631
No	121	5	4	50	41	40	33	26	21	637	219	4	41	36	20	638	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	41	1	2	12	29	13	32	15	37	632	76	3	24	34	39	631	5160	4	34	36	26	636
No	87	4	5	40	46	30	34	13	15	640	157	4	46	36	13	640	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	128	5	4	52	41	43	34	28	22	637	233	4	39	35	22	637	14065	10	43	30	17	642
Gender																						
Female	60	3	5	27	45	17	28	13	22	638	107	3	42	35	21	638	6974	10	43	31	16	642
Male	68	2	3	25	37	26	38	15	22	637	126	5	37	36	23	637	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										1						1192	4	23	43	30	634
No	128	5	4	52	41	43	34	28	22	637	232	4	39	35	22	638	12880	11	44	29	15	643
Gifted/talented program																						
Yes	5	2	40	3	60	0	0	0	0	659	16	31	63	6	0	656	557	53	42	4	0	663
No	123	3	2	49	40	43	35	28	23	636	217	2	37	37	24	636	13515	9	43	31	17	641

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 6

SAU: South Portland School Dept

School: Memorial Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	0	0	1	17	5	83	615	6	8	0	46	46	626	6	6	33	31	31	635
B. less than one hour	50	3	5	28	44	23	37	9	14	639	50	4	43	34	19	639	56	11	43	30	16	643
C. one to two hours	43	2	4	22	41	18	33	12	22	638	41	3	39	37	21	638	34	11	45	30	14	644
D. more than two hours	3	0	0	2	50	1	25	1	25	636	3	0	50	25	25	637	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	39	4	8	22	45	14	29	9	18	640	37	5	44	33	19	639	45	14	47	28	11	646
B. They match some of what I have learned.	46	1	2	24	41	22	37	12	20	637	47	2	40	35	23	637	43	8	43	33	17	641
C. They match just a little of what I have learned.	13	0	0	6	35	6	35	5	29	634	12	7	33	41	19	639	9	6	30	33	32	635
D. There is no match.	2	0	0	0	0	1	50	1	50	620	4	10	10	40	40	631	3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	31	4	10	23	58	9	23	4	10	644	31	10	56	25	10	645	29	24	51	17	8	651
B. good	50	1	2	24	38	23	37	15	24	635	48	2	35	41	22	636	48	6	45	33	16	641
C. fair	15	0	0	5	26	9	47	5	26	635	18	0	27	39	34	632	19	1	29	42	28	634
D. poor	4	0	0	0	0	2	40	3	60	623	3	0	0	33	67	620	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	31	0	0	17	43	14	35	9	23	637	33	0	39	34	26	635	24	5	38	33	24	638
B. about the same as my regular schoolwork	56	4	6	27	38	23	32	17	24	637	53	4	39	34	23	637	62	9	45	31	14	643
C. easier than my regular schoolwork	13	1	6	8	50	6	38	1	6	641	13	13	42	39	6	644	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	45	3	5	22	39	18	32	14	25	638	45	5	38	35	22	639	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	52	2	3	28	42	24	36	12	18	637	51	3	40	36	20	637	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	2	50	1	25	1	25	635	3	0	50	25	25	639	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	19	1	4	9	38	8	33	6	25	635	20	2	28	35	35	633	17	8	39	30	22	639
B. two or three days a week	35	2	4	15	33	14	31	14	31	634	32	5	31	38	26	636	34	11	44	31	14	643
C. two or three times each month	32	2	5	20	49	14	34	5	12	641	28	6	47	30	17	640	31	12	44	29	15	644
D. never or almost never	13	0	0	8	47	7	41	2	12	641	20	0	52	39	9	642	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	11	0	0	7	50	4	29	3	21	639	22	0	34	40	26	635	11	11	37	29	23	641
B. two or three days a week	46	1	2	24	41	20	34	14	24	636	46	3	44	33	20	639	32	11	44	30	15	643
C. two or three times each month	30	3	8	15	39	12	32	8	21	638	23	6	40	32	23	637	32	11	45	30	15	643
D. never or almost never	13	1	6	6	38	7	44	2	13	640	10	14	32	36	18	641	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	11	0	0	7	50	5	36	2	14	637	11	0	38	29	33	633	7	6	29	33	32	635
B. 30–45 minutes	46	3	5	20	35	24	42	10	18	638	44	5	32	41	22	637	37	8	39	34	20	640
C. 45–60 minutes	39	2	4	21	43	13	27	13	27	636	42	4	47	33	16	640	42	13	47	28	12	645
D. more than 60 minutes	4	0	0	2	40	1	20	2	40	633	4	0	44	22	33	637	15	12	46	27	15	644
Optional school/SAU question																						
A.	38	0	0	2	67	1	33	0	0	644	33	0	67	33	0	644						
B.	50	0	0	1	25	2	50	1	25	630	56	0	20	40	40	627						
C.	13	0	0	0	0	0	0	1	100	608	11	0	0	0	100	608						
D.	0										0											

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